PCT RECEIVED

(See notes on accompanying sheet)

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:

BAXTER HEALTHCARE CORPORATION	NOTIFICATION OF TRANSMITTAL OF
Attn. Reagen, Joseph P.	THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL
One Baxter ParkwayRECEIVED	SEARCHING AUTHORITY, OR THE DECLARATION
Deerfield, IL 60015	
UNITED STATES OF AMERICA	Corporate Patent Administra
nn 0 5 2008	atent Administra
3012 " 0 2000	(PCT Rule 44.1)
	Date of mailing
Corporate Patent Administration	(day/month/your)
Applicant's or agent's file reference	29/06/2006
SMDI-5774B	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No.	International filing date
PCT/US2005/038424	(day/month/year) 24/10/2005
Applicant	
l	Filed nationally 7-20-04
BAXTER INTERNATIONAL INC.	•
1. X The applicant is hereby notified that the international search	h report and the written opinion of the International Searching
Authority have been established and are transmitted herewi	n report and the written opinion of the International Searching
Filling of amendments and statement under Article 10-	
The applicant is entitled, if he so wishes, to amend the claim	ns of the International Application (see Rule 46):
When? The time limit for filing such amendments is non International Search Report.	rmally two months from the date of transmittal of the
Where? Directly to the International Bureau of WIDO 24	I obomin dos Calenda - Hara
1211 Geneva 20, Switzerland, Fascimile No.: (4	41-22) 338.82.70
For more detailed instructions, see the notes on the ac	companying sheet.
The applicant is hereby notified that no international search Article 17(2)(a) to that effect and the written opinion of the International Search Article 17(2)(a) to that effect and the written opinion of the International Search Article 17(2)(a) to that effect and the written opinion of the International Search Article 17(2)(a) to that effect and the written opinion of the International Search Article 17(2)(a) to that effect and the written opinion of the International Search Article 17(2)(a) to that effect and the written opinion of the International Search Article 17(2)(a) to the Internation	n report will be established and that the declaration under
3. With regard to the protest against payment of (an) additio	onal fee(s) under Rule 40.2, the applicant is polified that:
applicant's request to forward the texts of both the protection	n transmitted to the International Bureau together with the test and the decision thereon to the designated Offices.
no decision has been made yet on the protest; the app	blicant will be notified as soon as a decision is made.
4. Reminders	as a secretaria made.
Shortly after the expiration of 18 months from the priority date, the International Bureau. If the applicant wishes to avoid or postpone is application, or other bidden in the priority of	
before the completion of the technical preparations for internation	nal publication.
The applicant may submit comments on an informal basis on the vinternational Bureau. The International Bureau will send a copy of	
the poole out not before the expiration of 30 months from the prior	rity date.
Within 19 months from the priority date, but only in respect of som examination must be filled if the applicant wishes to postpone the e	
and the material phase before those designated Onic	ces.
In respect of other designated Offices, the time limit of 30 months months.	(or later) will apply even if no demand is filed within 19
See the Annex to Form PCT/IB/301 and, for details about the appli Guide, Volume II, National Chapters and the WIPO Internet site.	icable time limits, Office by Office, see the PCT Applicant's
Name and mailing address of the International Searching Authority	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk	
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.	Peggy Willis
Fax: (+31-70) 340-3016	1

Form PCT/ISA/220 (October 2005)

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the recuirements of the Patent Coperation Trady; the Begliatines and the Administrative instructions under that Treaty, in case of discrepancy between these Notes and those requirements, the later are applicable. For more detailed information, see also the PCT Applicants Guide, a oublication of WIPC.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application in the host however be emphasized that since all parts of the international application (claims,description and drawings) may be amended during the term of the international application (claims,description and drawings) may be amended during the except where, except where except excep

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see PCT Applicant's Guide, Volume VA, paragraph 298).

What parts of the International application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41,

When?

Within 2 months from the date of transmitted of the international search report or 16 months from the priority date, whichever time film expires later, it should be noted, however, that the amendments with the combined as having been received on time if they are received by the international Bureau after the expiration of the application of the properties of the properties of the properties of the chindren preparations for international publication (Figure 4c). The second of the properties of the properties of the chindren preparations for international publication (Figure 4c).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled:
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed:
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]: "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]: Claims 1 to 15 replaced by amended claims 1 to 11.
- 3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims) "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged.
- 4. [Where various kinds of amendments are made]: Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added.

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

using the words "Statement under Article 19(1)

The statement will be published with the international application and the amended claims. It must be in the (anguage in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by

it may not contain any disparaging comments on the international search report or the relevance of citations tring) not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

if, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for International preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

If a demand for international preliminary examination is made, the written opinion of the International Searching Authority will, except in certain cases where the International Preliminary Examining Authority did not act as International Searching Authority and where it has notified the International Bureau under Rule 66.1 bis(b), be considered to be a written opinion of the International Preliminary Examining Authority. If a demand is made, the applicant may submit to the International Preliminary Examining Authority a reply to the written opinion together, ere appropriate, with amendments before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later (Rule 43bis.1(c)).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to. the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see the PCT Applicant's Guide, Volume II.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220
SMDI-5774B	ACTION		as, where applicable, item 5 below.
International application No.	International filing date (day/monti	rvyear)	(Earliest) Priority Date (day/month/year)
PCT/US2005/038424	24/10/2005		28/01/2005
Applicant			
BAXTER INTERNATIONAL INC.			
This international search report has been paccording to Article 18. A copy is being train	repared by this International Searc	hing Author	rity and is transmitted to the applicant
This international search report consists of	a total of shee	rts.	
It is also accompanied by a	a copy of each prior art document ci	ited in this r	report.
a translation of the of a translation furn b. With regard to any nucleon	oplication in the language in which it international application into	t was filed onal search	, which is the language
With regard to the title, X the text is approved as sub	mitted by the applicant		
=	mitted by the applicant ed by this Authority to read as follow	ws.	
	,		
			1
			i
5. With regard to the abstract,	and the state of t		
X the text is approved as sub		is Authority	as it appears in Box No. IV. The applicant
may, within one month from	the date of mailing of this internation	onal search	report, submit comments to this Authority
With regard to the drawings,			
a. the figure of the drawings to be put	olished with the abstract is Figure N	lo. 8	1
X as suggested by the			
as selected by this	Authority, because the applicant fail	led to sugg	est a figure
	Authority, because this figure better	characteri	zes the invention
b. none of the figures is to be p	sublished with the abstract		

Form PCT/ISA/210 (first sheet) (April 2005)

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)	
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:	
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:	
Claims Nos: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:	
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).	
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)	
This International Searching Authority found multiple inventions in this international application, as follows:	
see additional sheet	
As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable Calms.	
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.	
As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:	
No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: See annex	
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.	

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-26

Connector sets of the type wherein a first and a second connector are threaded together, the sets having various technical features providing feedback with regards to substantially completed connection and also preventing disconnection.

2. claims: 27-29

Connector set of the type wherein a first and a second connector are threaded together, the set having a disinfectant.

International application No PCT/US2005/038424

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61M39/10 A61M39/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Υ	WO 2004/071557 A (BAXTER INTERNATIONAL INC: BAXTER HEALTHCARE S.A; CASTELLANOS, RAFAEL,) 26 August 2004 (2004-08-26) the whole document	1-26
Υ	US 2004/238776 A1 (PETERS JOSEPH ET AL) 2 December 2004 (2004-12-02) abstract paragraphs [0029] - [0031]; figures 1-7	1-13
A	US 5 620 427 A (WERSCHMIDT ET AL) 15 April 1997 (1997-04-15) abstract page 19, line 29 - page 20, line 10; figures 19,20	1
	-/	

X	Further documents are listed in the	continuation of Box C.
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X See patent family annex.

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Nielsen, M

Date of mailing of the international search report

- Special categories of cited documents :
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

Date of the actual completion of the international search

2 9 GG. 2008 9 March 2006 Name and mailing address of the ISA/ Authorized officer Ruropean Patent Ollice, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

Form PCT/ISA/210 (second sheet) (April 2005)

3

Category*	Citation of document, with indication, where appropriate, of the relevant passages	
		Relevant to claim No.
Y	US 4 580 816 A (CAMPBELL ET AL) 8 April 1986 (1986-04-08) abstract column 4, line 66 - column 5, line 47; figure 1	14-16
A	US 2003/006610 A1 (WERTH ALBERT A) 9 January 2003 (2003-01-09) abstract paragraph [0075]; figure 2	14-16
١	US 2003/184090 A1 (GUALA GIANNI) 2 October 2003 (2003-10-02) abstract paragraphs [0019] - [0037]; figures 1-4	14
	US 2004/087986 A1 (OTT FRIEDRICH) 6 May 2004 (2004-05-06) abstract paragraphs [0067] - [0070]; figures 1,2	14
	GB 2 343 723 A (MARGARET PAMELA * RICHARDSON; PHILIP * RICHARDSON) 17 May 2000 (2000-05-17) abstract page 9, line 18 - page 10, line 7; figures 1-3	14
	US 6 183 465 B1 (MEIER KEVIN C ET AL) 6 February 2001 (2001-02-06) abstract; figures 9,10	14
	US 2002/010437 A1 (LOPEZ GEORGE A ET AL) 24 January 2002 (2002-01-24) abstract; figures 5,6	17-20
	WO 2004/033023 A (VYGON; DALLE, VALERY; GUYMARC'H, PIERRICK; CARREZ, JEAN-LUC) 22 April 2004 (2004-04-22) abstract; figures 5-8,12	17
The state of the s	EP 1 331 020 A (JMS CO., LTD) 30 July 2003 (2003-07-30) abstract paragraph [0026] paragraphs [0036] - [0047]; figures 8A-9E	21-23
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	-/	

		PC1/052005/038424
C(Continue	ition). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 393 101 A (MATKOVICH ET AL) 28 February 1995 (1995-02-28) abstract; figure 1	24
A	US 5 393 101 A (MATKOVICH ET AL) 28 February 1995 (1995-02-28) abstract; figure 1 EP 1 243 280 A (MIPRO CORPORATION) 25 September 2002 (2002-09-25) abstract; figure 1	24

Information on patent family members

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